MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY 1923

J. A. BROWN, DIRECTOR

MAY 25 19

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FEBRUARY 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	752.1	752.9	755.3	753.4	13.4	10.1	5.7		22.46
2	4.8	5.9	7.3	6.0	12.7	7.3	4.9		21.33
3	60.6	60.6	60.5	60.5	12.8	6.1	3.3		1.90
4	1.0	2.3	3.9	2.4	14.6	8.4	5.8		4.57
5	6.5	5.5	6.3	6.4	10.6	8.5	5.7		
6	5.8	4.2	4.1	4.7	16.6	10.5	5.3		
7	2.1	0.7	1.0	1.3	18.6	13.7	8.8		
8	58.1	59.2	59.6	59.0	18.8	15.1	11.9		
9	9.0	8.9	60.3	9.4	18.0	13.2	10.5		9.01
10	61.3	60.2	59.7	60.4	16.9	11.9	8.6		0.51
11	58.0	56.5	57.1	57.2	15.4	11.8	9.1		7.99
12	8.2	8.1	8.9	8.4	16.5	10.2	8.3		15.74
13	61.1	61.0	61.9	61.3	16.6	11.8	8.9		7.99
14	0.5	59.1	59.4	59.7	17.9	11.6	7.2		
15	59.4	9.4	60.8	9.9	17.7	11.6	6.6		1.90
16	9.4	9.8	0.0	9.7	18.8	11.1	6.3		1.90
17	61.2	61.1	2.4	61.6	16.1	8.9	6.3		8.38
18	2.0	2.3	3.4	2.6	16.6	8.9	6.8		10.66
19	3.6	3.0	4.7	3.8	17.7	11.0	7.2		8.63
20	7.1	7.0	7.7	7.3	18.3	11.6	7.2		
21	7.0	5.7	4.1	5.6	18.2	11.6	6.8		
22	57.8	54.3	59.7	57.3	24.3	12.9	7.2		
23	60.7	61.1	62.5	61.4	18.2	11.9	8.3		2.29
24	2.2	0.6	59.2	0.7	18.3	11.9	9.1		0.76
25	0.5	0.5	61.6	0.9	16.9	11.9	9.3		3.93
26	3.7	2.9	2.1	2.9	17.9	12.2	8.2		
27	57.4	55.5	58.1	57.0	19.9	13.3	8.3		0.51
28	8.8	9.0	61.3	9.7	16.3	10.2	7.2		21.58
29									
30									
31									
	760.8	760.3	761.2	760.8	17.2	11.00	7.5		152.0

BAROMETER

Maximum	767.7	on 20th
Minimum	752.1	on 1st

THERMOMETER

Maximum	19.9	on 27th
Minimum	6.1	on 3rd
Minimum on grass	3.3	on 3rd

RAINFALL

Maximum 22.46 mm. on 1st

Number of days with rain 19 thunderstorms 0 fog 0 gale 1

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	11.6	11.6	8.8	10.7	9.5	9.1	7.6	7.7	7.3	7.1	7.4	76	71	85	77
2	9.3	10.5	8.9	9.6	8.2	7.3	7.4	8.2	7.3	7.4	7.6	94	78	87	80
3	10.1	12.3	10.0	10.8	7.7	9.1	8.9	6.6	7.0	7.9	7.2	72	66	87	74
4	9.7	8.9	10.9	9.9	8.4	10.1	8.4	7.5	7.1	6.9	7.2	84	58	71	71
5	13.0	16.1	12.2	13.8	9.5	11.3	9.9	7.1	7.5	7.9	7.5	64	55	74	64
6	14.3	16.1	14.9	15.1	10.6	12.1	11.1	7.6	8.3	7.8	7.9	63	61	61	62
7	15.6	17.5	15.7	16.3	12.1	15.1	14.2	8.6	11.3	8.6	9.5	65	75	85	65
8	18.1	17.9	15.3	17.1	12.2	14.6	12.8	7.6	10.3	9.5	9.1	49	67	73	63
9	15.6	14.7	13.4	14.6	13.8	14.1	12.8	10.6	11.6	10.6	10.9	81	93	91	88
10	15.4	16.1	13.6	15.0	12.6	13.0	12.1	9.2	9.4	9.5	9.4	70	69	82	74
11	12.8	15.0	11.6	13.1	10.9	14.4	10.8	8.6	11.8	9.2	9.9	79	93	90	87
12	14.4	14.9	13.7	14.3	13.2	12.8	12.9	10.6	9.8	10.9	10.4	87	77	96	87
13	14.4	15.6	13.9	14.6	12.0	12.7	11.4	9.1	9.3	8.6	9.0	75	70	73	73
14	16.6	17.7	15.6	16.6	13.5	14.0	12.2	9.7	9.7	8.7	9.3	69	65	66	67
15	17.1	16.9	15.4	16.5	12.8	13.1	12.1	8.6	9.1	8.6	8.8	59	63	67	63
16	15.6	11.8	11.3	12.9	11.1	11.0	8.5	7.5	9.3	6.8	7.9	58	91	69	73
17	11.6	14.8	12.9	13.1	11.1	11.8	11.6	9.4	8.7	9.4	9.2	93	69	84	83
18	12.2	15.7	12.8	13.6	11.3	13.5	11.5	9.4	10.2	9.3	9.6	89	77	84	83
19	13.8	17.6	15.3	15.6	12.1	13.8	11.1	9.5	9.5	7.6	8.9	91	63	59	68
20	15.6	17.8	13.8	15.7	12.7	15.5	12.6	9.3	11.6	10.0	10.3	71	77	87	78
21	15.6	16.8	13.9	15.4	11.6	12.8	12.2	8.1	8.8	9.5	8.8	61	62	80	68
22	18.4	22.9	15.5	18.9	12.0	12.9	12.2	7.3	9.1	8.8	8.4	46	38	77	54
23	16.1	17.7	15.3	16.4	12.6	14.0	12.9	8.8	9.7	9.7	8.4	65	65	75	68
24	15.8	12.1	15.5	14.5	13.9	14.3	13.5	10.7	10.1	10.3	10.4	81	68	79	76
25	16.1	15.0	15.3	15.5	12.4	12.6	12.7	8.8	9.4	9.4	9.3	64	74	73	70
26	16.1	17.2	15.7	16.3	13.3	14.2	12.9	9.8	10.3	9.5	9.9	72	71	72	72
27	16.8	18.8	13.8	16.5	14.6	16.3	12.3	11.0	12.1	9.7	10.9	77	76	83	79
28	12.9	14.8	14.3	14.0	11.5	13.2	12.2	9.3	10.3	9.3	9.6	84	81	77	81
29															
30															
31															
	14.5	15.5	13.5	14.5	11.8	13.2	11.5	8.8	9.5	8.9	9.1	72.0	70.0	78.0	73.0

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	10n	8n	9n	9.0	5	1	2	459.1	rough	
2	10n	9n	8cu n	9.0	0	1	0	214.3	slight	
3	9cu n	9cu n	10n	9.3	0	1nw	0	211.3	v. slight	
4	10n	0	0	3.3	0	0	0	163.8	calm	hail
5	0	0	0	0	0	1	0	165.7	,,	
6	0	10cu s	10s	6.7	0	0	0	45.1	,,	
7	10cu s	10cu s	10n s	10	0	0	0	104.5	,,	
8	10n s	10n	10n	10	1ne	0	0	112.9	,,	a few drops
9	10n	10n	9n	9.7	0	0	0	145.9	v. slight	
10	1	10cu n	4n	5.0	0	0	0	232.0	calm	
11	9cu n	10n	10n	9.7	1	1	0	170.0	,,	
12	10n	8cu n	10n	9.3	0	1	1	326.6	v. slight	
13	10n	10cu n	1n	7.0	3nw	2	0	241.4	slight	
14	0	3s	3s n	2.0	2	3	2	317.2	v. slight	lightning n.
15	8cu n	4	3s	5.0	2	1	0	308.9	,,	
16	6cu s	10n	0	5.3	0	5	0	232.0	slight	gale
17	10n	7cu n	6n	7.7	0	2	0	395.8	,,	
18	10n	7cu n	5cu n	7.3	0	1	1	315.4	v. slight	
19	10s n	0	9s n	6.3	1	2	1n	266.3	,,	lightning n.
20	0	1s	2n	1.0	0	1	0	289.6	calm	a few drops
21	0	0	0	0	0	1n	0	123.9	,,	
22	9s	10s	2	7.0	0	3	3	226.6	v. slight	a few drops
23	5s	10n s	10cu n	8.3	3	3	3	587.8	rough	
24	10cu s	0	3	4.3	2	2	1	361.4	v. slight	
25	5	10n	3cu n	6.0	2	2	2	393.2	slight	
26	3	2s	10s	5.0	0	1nw	0	424.7	v. slight	
27	2s	10s	10cu n	7.3	0	0	1	174.0	calm	
28	10n	10cu n	6cu n	8.7	1	1	2	356.2	v. slight	
29										
30										
31										
				6.4				260.5		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	0	9	0	1	17
2:30	1	0	0	0	0	18	0	2	7
8:30	1	0	0	0	1	9	0	0	17
Totals	2	1	0	0	1	36	0	3	41

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.